## ILLINOIS COMMERCE COMMISSION STIPULATED AGREEMENT CROSSING DATA FORM

**GENERAL INFORMATION:** See Location Sketch

RAILROAD	Elgin, Joliet, and Eastern Railway Company		
USDOT#, MILEPOST	260 485N, MP		
STREET, CITY, COUNTY	Arcadia Street, near Libertyville, Lake County		
JURISDICTION (RDWY)	Libertyville Township Road District		
LOCATION	Rail Yard/Interlocking and south to residential		
STREET SURFACE	Bituminous, 20', Good Condition		

CROSSING DATA: See Location Sketch for roadway profile and track centers

TRACK (W-E or N-S)	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
1 & 2 W-E (track turn-out)	Timber	20'	Good

**ROADWAY DATA:** See Location Sketch

INTERSECTING ROADS:	NA
TRAFFIC CONTROL	NA
ADT & SPEED	275 @ 25 MPH (5%Trucks)
TRAFFIC TYPE	Cars, trucks, trailers (passenger, work)
ADVANCE WARNING	Yes
PAVEMENT MARKING	None

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	5 Per day @ 45 MPH, 2 Switch Movements, Day & Night
PASSENGER TRAFFIC	NA NA
WARNING DEVICES	Crossbucks

**NOTES:** 

## VISIBILITY STUDY: See Location Sketch

Train Speed	45	MPH	
Roadway Speed	25	MPH	
Required Stopping Sight Distance (SSD)			
Along Roadway	167	FEET	
Along Tracks	441	FEET	
Required Clearing Sight Distance (CSD)	1070	FEET	
(Along Tracks)			

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	*	NA	*	NA
NW	*	NA	*	NA
SE	*	NA	*	NA
SW	*	NA	*	NA

<sup>\*</sup>Note: The installation of automatic flashing light signals and gates eliminates the need to satisfy minimum Sight Distance criteria.

# **APPROACH GRADES:** See Location Sketch

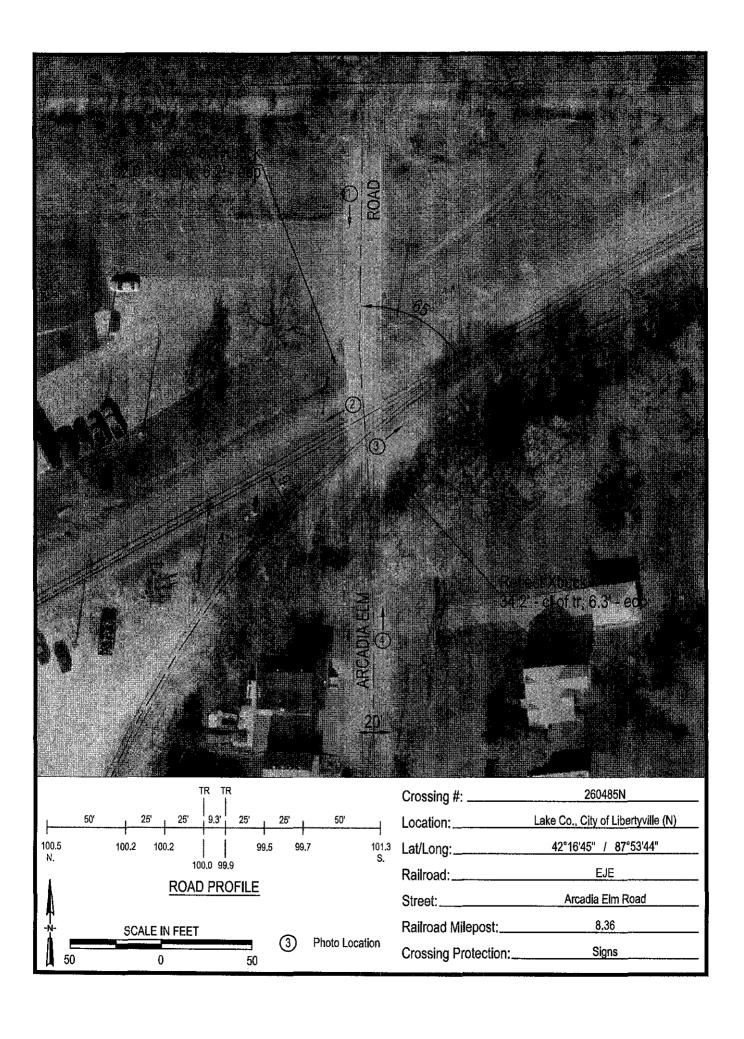
DIRECTION: WEST/NORTH		DIRECTION: EAST/SOUTH			
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
0	100.0		0	99.9	
25	100.2	0.8	25	99.5	1.6
50	100.2	0	50	99.7	8.0
100	100.5	0.6	100	101.3	3.2

Distance measured from outermost rail.

## **COMMENTS:**

Train Signal Present west of the crossing.

See Page 3 for a Location Sketch (Aerial Photo) of the crossing.



## ILLINOIS COMMERCE COMMISSION STIPULATED AGREEMENT CROSSING DATA FORM

**GENERAL INFORMATION:** See Location Sketch

RAILROAD	Elgin, Joliet, and Eastern Railway Company		
USDOT#, MILEPOST	260 486Y, MP 65.06		
STREET, CITY, COUNTY	Bradley Road, near Libertyville, Lake County		
JURISDICTION (RDWY)	Libertyville Township Road District		
LOCATION	Rail Yard/Interlocking and south to residential		
STREET SURFACE	Bituminous, 24', Good Condition		

CROSSING DATA: See Location Sketch for roadway profile and track centers

	SURFACE CONDITION	SURFACE WIDTH	SURFACE TYPE	TRACK (W-E or N-S)
tory	Satisfactory	8'	Rubber Panel	1 W-E
			Transfer trainer	

**ROADWAY DATA:** See Location Sketch

<b>INTERSECTING ROADS:</b>	NA
TRAFFIC CONTROL	NA
ADT & SPEED	8300 @ 40MPH (20 mph School Zone to the north - 5%Trucks)
TRAFFIC TYPE	Cars, trucks
ADVANCE WARNING	Northbound only
PAVEMENT MARKING	None

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	5 Per day @ 45 MPH, 3 Switch Movements, Day & Night
PASSENGER TRAFFIC	NA NA
WARNING DEVICES	AFLS

## **NOTES:**

# VISIBILITY STUDY: See Location Sketch

Train Speed	45	MPH	
Roadway Speed	40	MPH	**********
Required Stopping Sight Distance (SSD)			
Along Roadway	303	FEET	
Along Tracks	431	FEET	
Required Clearing Sight Distance (CSD)	1070	FEET	
(Along Tracks)		1	

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION	
NE	*	NA	*	NA	
NW	*	NA	*	NA	
SE	*	NA	*	NA	
SW	*	NA	*	NA	

\*Note: The installation of automatic flashing light signals and gates eliminates the need to satisfy minimum Sight Distance criteria.

# **APPROACH GRADES:** See Location Sketch

DIRECTION: WEST/NORTH			DIRECTION: EAST/SOUTH		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
0	100.0		0	100.0	
25	100.1	0.4	25	100.1	0.4
50	99.5	2.4	50	99.3	3.2
100	98.1	2.8	100	98.3	2.0

Distance measured from outermost rail.

## **COMMENTS:**

Switches present to the east leading to 6 track yard.

See Page 3 for a Location Sketch (Aerial Photo) of the crossing.

